

Abstract

Mask pad and forehead pad for a breathing mask, a breathing mask and a moulding tool and process for the production of the mask

The invention concerns a mask pad for a breathing mask, a breathing mask per se and a process for the production of the mask. The object of the invention is to provide a sealing pad for a breathing mask and a breathing mask per se which is distinguished by a sufficiently high sealing effect and a high level of wearing comfort. In accordance with the invention that object is attained by a mask pad device for a breathing mask comprising a receiving opening which in the position of application of the breathing mask coincides at least with the nose and/or mouth opening region of a user of the mask, and a sealing lip which is formed from an elastomer material and which extends around the receiving opening and which in the application position fits on the surface of the face of the user of the mask, and is distinguished in that zones of thickened cross-section are provided in the mask pad and that the mask pad material of said zones of thickened cross-section has different material properties in such a way that the Shore hardness of the mask pad in the edge region is higher than in the region, which is at the core or at least near the core, of the zone of thickened cross-section. The invention also concerns a breathing mask provided with a corresponding mask pad device as well as a process and a moulding tool for the production of the mask.

Figure 1